

Converting Colors

HunterLab(29.7257, 48.7173,
18.4759)

Have a look what the booklet for
HunterLab(29.7257, 48.7173,
18.4759) contains.

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Color

**HunterLab(29.7246, 48.7202,
18.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0C0C
RGB	170, 12, 12
RGB Percent	67%, 5%, 5%
CMY	0.3333, 0.9528, 0.9529
CMYK	0.00, 0.93, 0.93, 0.33
HSL	0°, 87%, 36%
HSV	0°, 93%, 67%
XYZ	16.7754, 8.8355, 1.1691
YIQ	59.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

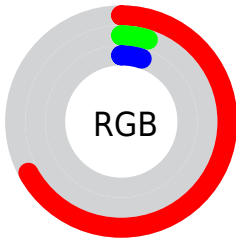
Format	Color
RYB	170, 12, 12
Decimal	11144204
CIELab	35.67, 57.77, 44.96
CIELCh	36, 73.199, 37.892
Yxy	8.8361, 0.6264, 0.3299
Android (android.graphics.Color)	4289334284 (0xFFAA0C0C)
YUV	59.2420, -23.2903, 97.1348
Hunter-Lab	29.7246, 48.7202, 18.4753

Details

The HunterLab color **29.7246, 48.7202, 18.4753** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.3207, -29.5418, -5.8475**, and the grayscale version is **21.0556, -1.1235, 1.1440**.

A 20% lighter version of the original color is **48.6649, 52.8896, 26.0361**, and **17.8554, 30.5779, 11.5377** is the 20% darker color. If you saturate the color by 10%, you get **29.2345, 50.0598, 18.8905**, and if you desaturate by 10%, it is **30.8456, 45.7808, 17.5740**.

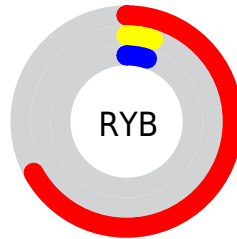
Distribution



Red (67%)

Green (5%)

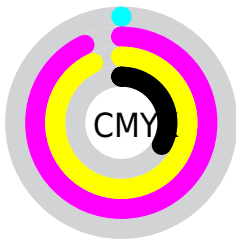
Blue (5%)



Red (67%)

Yellow (5%)

Blue (5%)

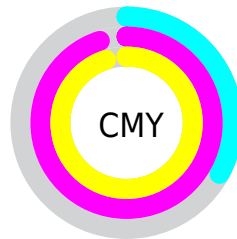


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (33%)



Cyan (33%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7246, 48.7202, 18.4753 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 29.7246, 48.7202, 18.4753 by changing the saturation by 10% instead.

■ 29.7246, 48.7202,
18.4753

■ 29.7246, 48.7202,
18.4753

■ 134.9631, 64.1168,
47.1444

■ 21.5277, 46.6435,
15.0694

■ 48.5612, 52.8084,
25.9216

■ 14.2633, 44.7989,
9.9843

■ 59.0719, 54.7241,
29.3216

■ 7.9205, 45.3227,
5.5444

■ 70.2475, 56.5359,
32.5588

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.0506, 58.2438,
35.6627

0.0000, NaN, NaN

■ 94.4493, 59.8511,
38.6567


0.0000, NaN, NaN


■ 107.4165, 61.3623,


0.0000, NaN, NaN


41.5590


0.0000, NaN, NaN


 120.9281, 62.7826,
44.3843


 29.7246, 48.7202,
18.4753


 29.7246, 48.7202,
18.4753


 29.2345, 50.0598,
18.8905

 30.8456, 45.7808,
17.5740

 32.7090, 41.2529,
16.1920

 35.3013, 35.5756,
14.4769

 38.5547, 29.2693,
12.5984

 42.3800, 22.7545,
10.6908

■ 46.6879, 16.2981,
8.8374

■ 51.3994, 10.0376,
7.0786

■ 56.4491, 4.0253,
5.4271

■ 61.7844, -1.7347,
3.8808

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.7255, 65.4474, 7.4081



29.7246, 48.7202, 18.4753



29.7255, 19.5386, 20.8079

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.7255, 48.7164, 18.4758



29.7255, -35.0543, 14.4834



29.7255, 5.5531, -93.7256

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.7246, 48.7202, 18.4753



56.3207, -29.5418, -5.8475

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.7255, -18.0836, -84.0421



29.7246, 48.7202, 18.4753



29.7255, -36.5489, -5.6377

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.7255, 48.7164, 18.4758



29.7255, -26.3791, 20.2880



29.7255, -31.5327, -44.5652



29.7255, 35.5348, -65.1558

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.7246, 48.7202, 18.4753



29.7255, 0.2638, 20.8079



29.7255, -31.5327, -44.5652



29.7255, -3.3949, -95.0999

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.7255, 48.7164, 18.4758



65.6405, 18.1765, 10.8364



34.2216, 65.1112, -43.6609



29.7629, 10.2759, 5.5956



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.7255, 48.7164, 18.4758



39.3785, 67.4319, 25.4454



40.0683, 20.6929, 24.5374



27.4636, 0.8879, 2.2814



25.0741, 42.9349, 16.2022



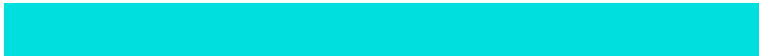
3.9118, 6.6945, 2.5276

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.3207, -29.5418, -5.8475



75.7694, -40.1612, -8.0087



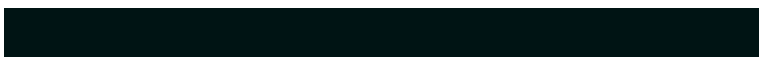
32.3459, 4.9164, -49.6912



29.2094, -3.7711, 0.8449



48.2452, -25.5723, -5.0991



7.5258, -3.9893, -0.7948

Previews

White Background



This preview shows how the HunterLab color 29.7246, 48.7202, 18.4753 looks on a white background.

Color Contrast Check

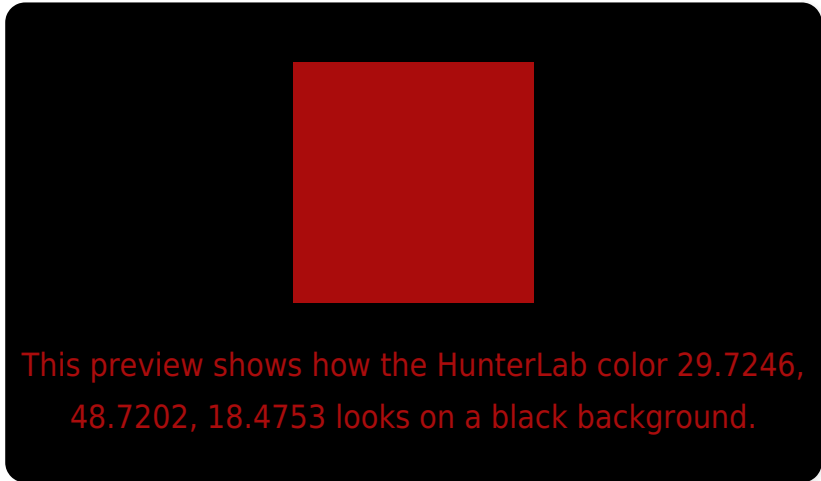
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.7246, 48.7202, 18.4753 Background



This preview shows how black text looks on a background with the HunterLab color 29.7246, 48.7202, 18.4753.



This preview shows how white text looks on a background with the HunterLab color 29.7246, 48.7202,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.7246, 48.7202, 18.4753

Protanopia

30.4567, -3.7440, 16.6832

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

29.8122, 48.1091, 19.2124

Trichromacy



Original Color

29.7246, 48.7202, 18.4753

Protanomaly

27.3330, 17.6097, 15.5042

Deuteranomaly

27.8573, 20.7413, 17.2842

Tritanomaly

29.7807, 48.3193, 18.9679

Monochromacy



Original Color

29.7246, 48.7202, 18.4753

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.1560, 16.9041, 7.1932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7246, 48.7202, 18.4753 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 12, 12)` looks like.

```
.text, #text, p{  
    color:rgb(170, 12, 12)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 12, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7246, 48.7202, 18.4753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 12, 12) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(170, 12, 12) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(170, 12, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 12, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 12, 12);  
box-shadow:4px 4px 4px 4px rgb(170, 12,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7246, 48.7202, 18.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 12, 12) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170, 12,  
12) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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